

FIG. 1

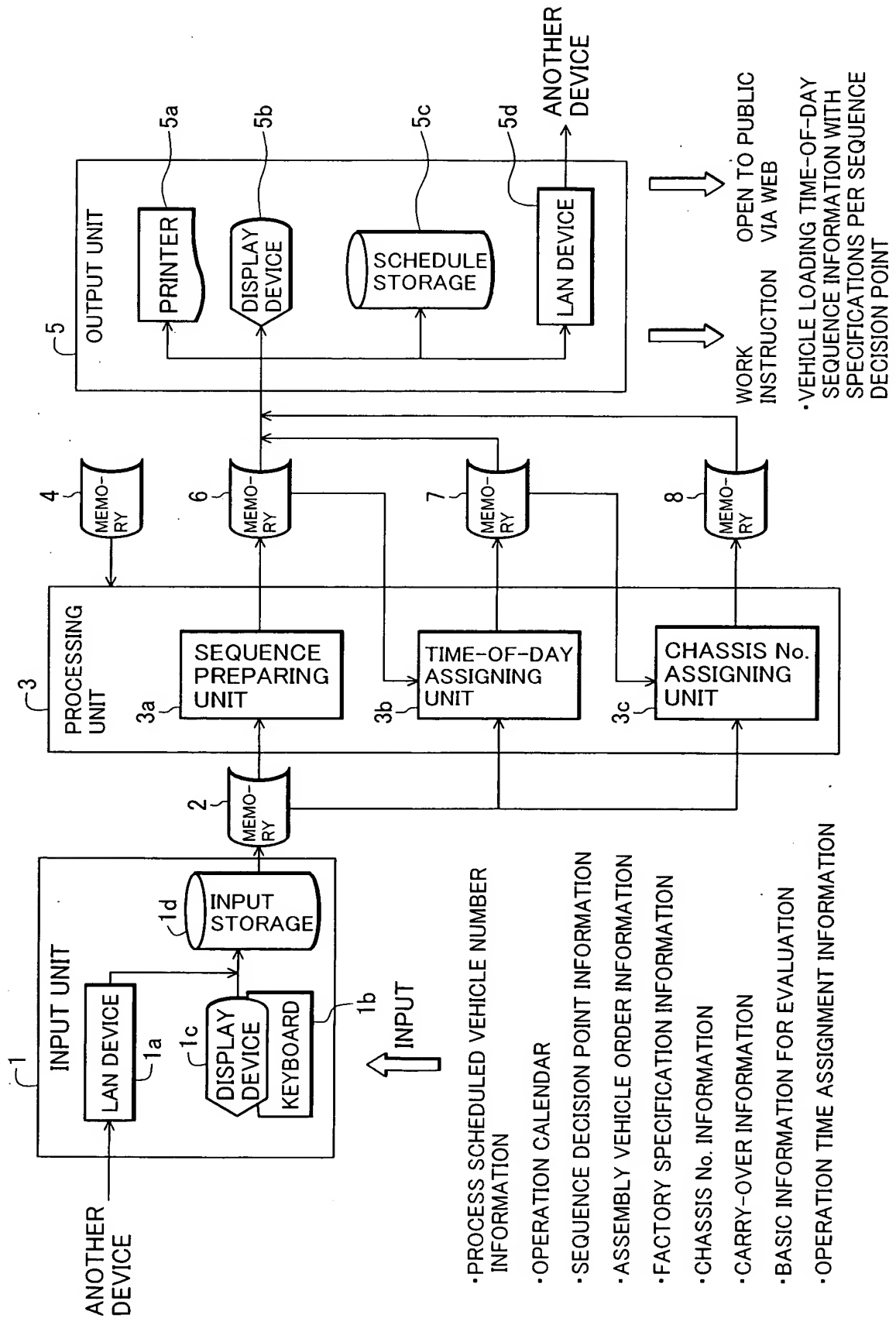


FIG. 2

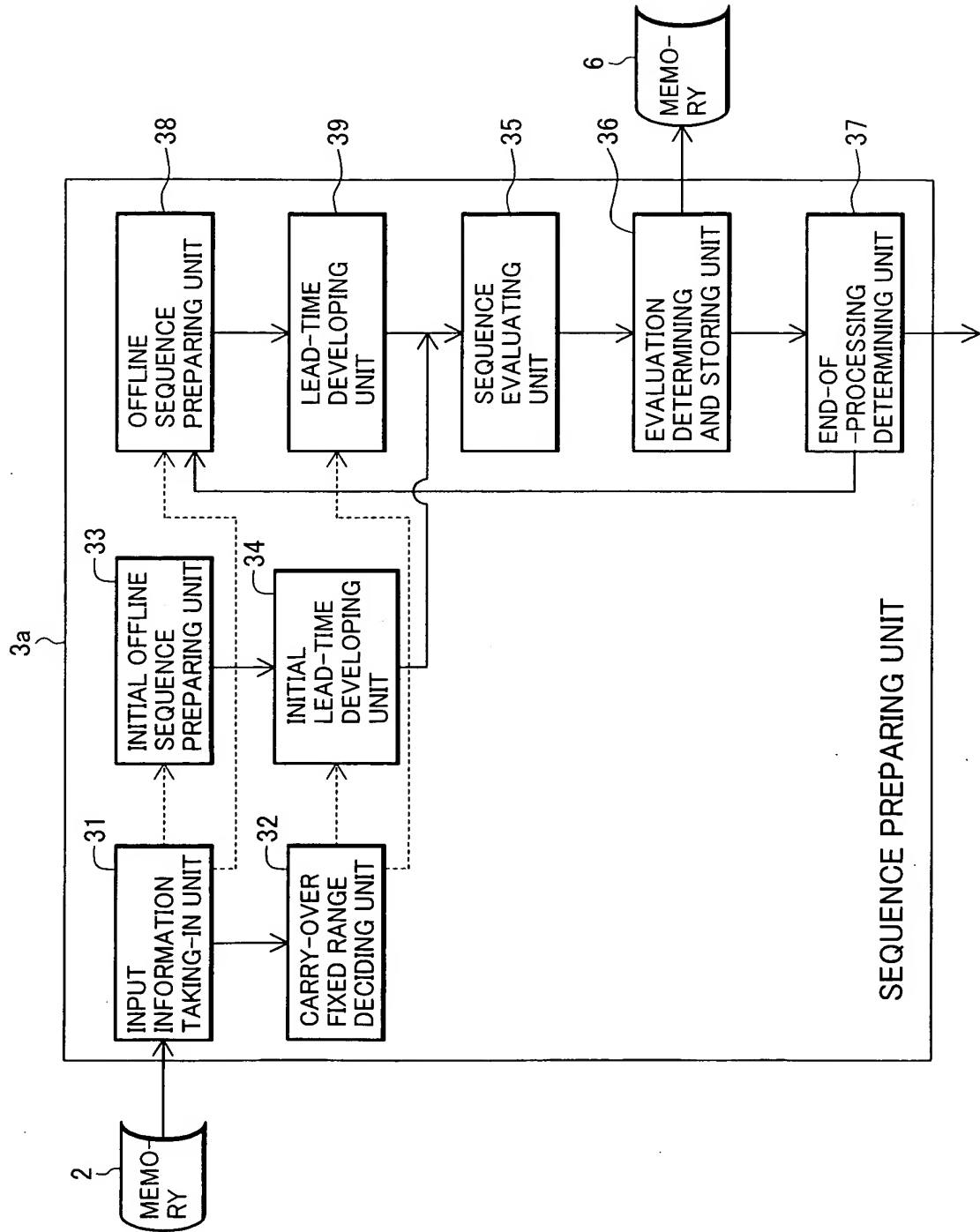
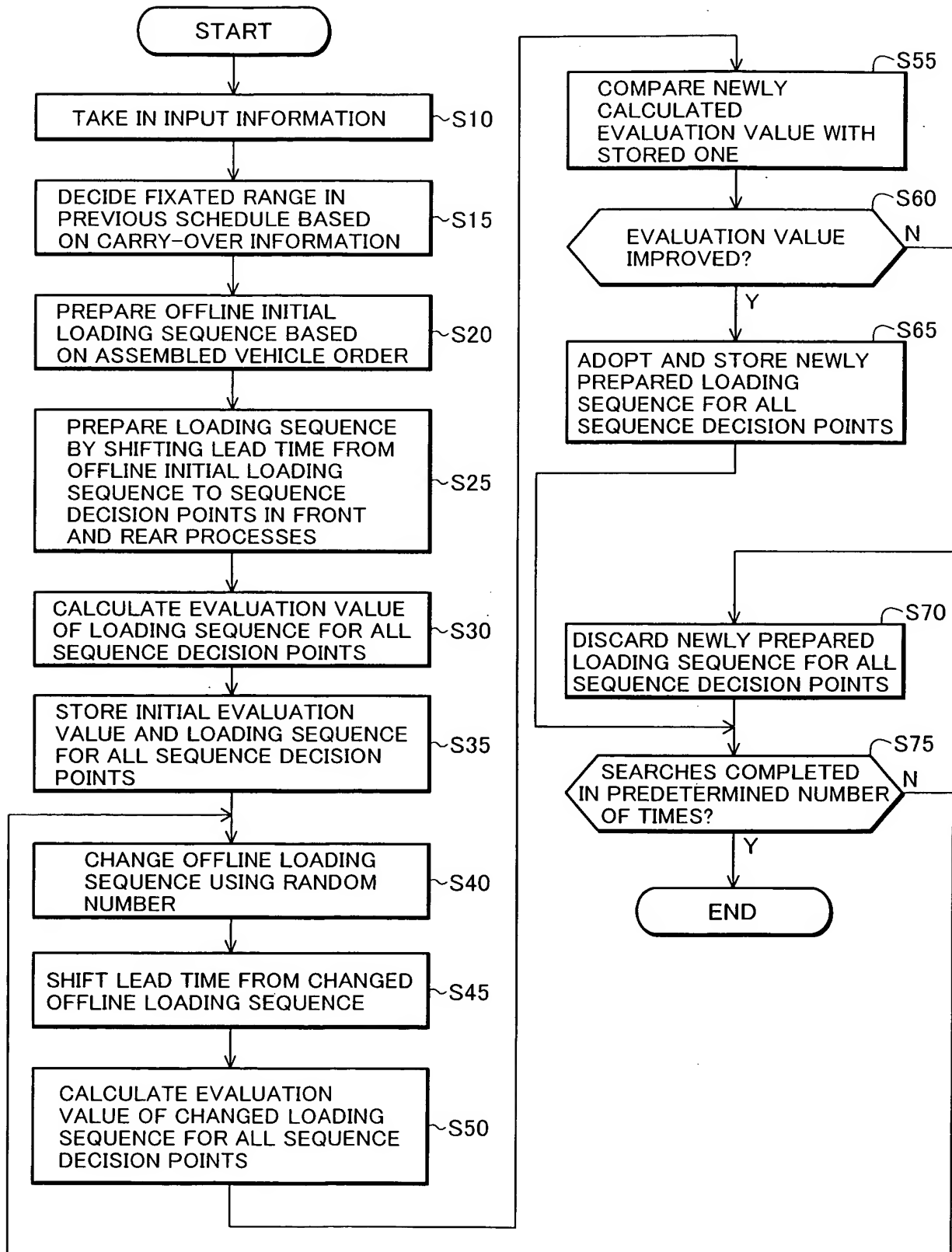
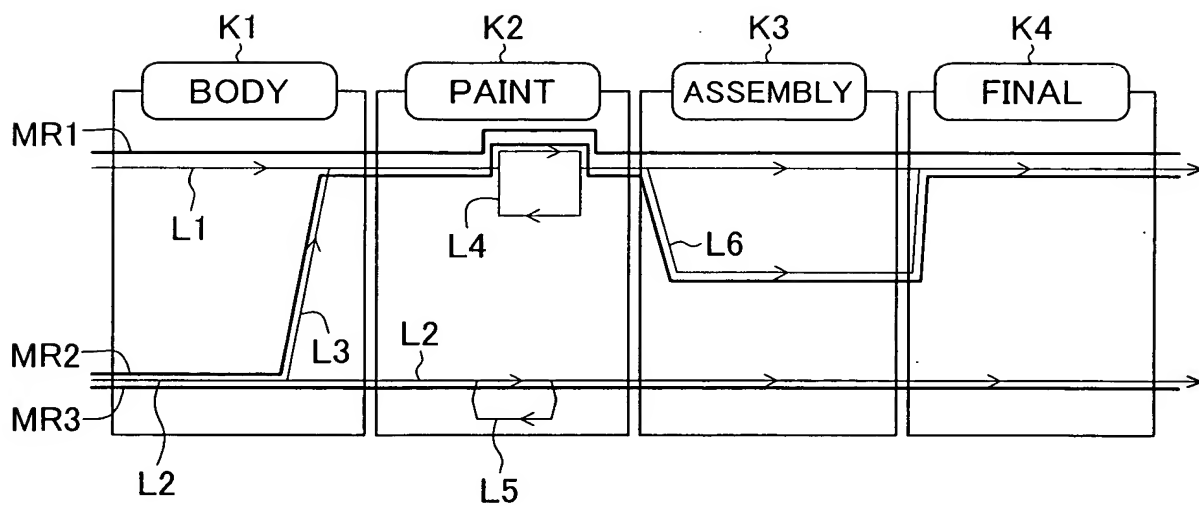
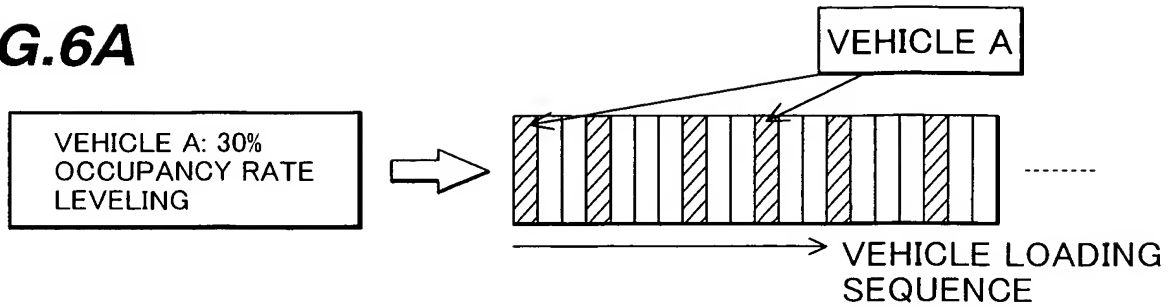
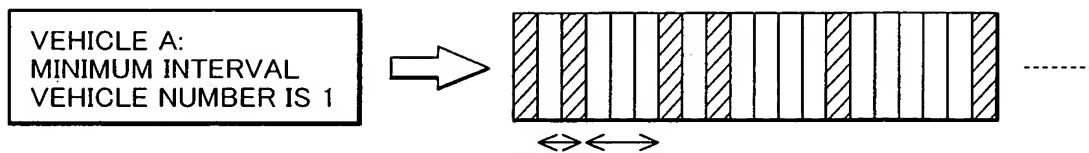
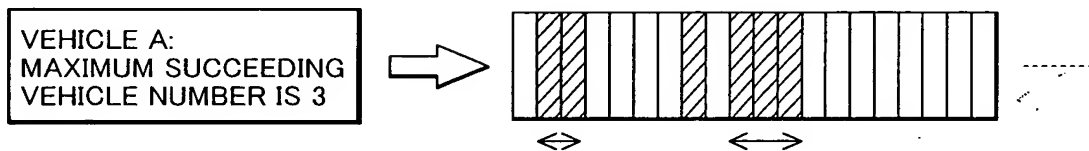
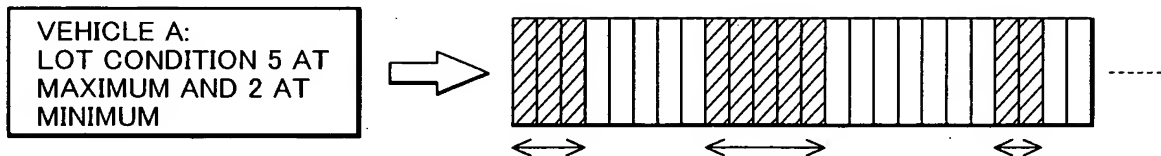


FIG.3



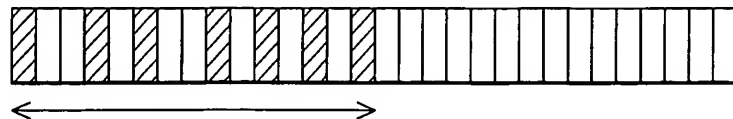
**FIG.4**



**FIG.6A****FIG.6B****FIG.6C****FIG.6D****FIG.6E**

NUMBER OF OFFLINE VEHICLES: 30  
 ASSIGNMENT RANGE DESIGNATION: 0% TO 50% (THIS EMBODIMENT INSTRUCTS ASSIGNMENT WITHIN FRONT HALF OF 100% ENTIRETY)

ASSIGNMENT RANGE OF VEHICLES A (ASSIGNMENT IN RANGE OF FIRST TO 15TH VEHICLE)



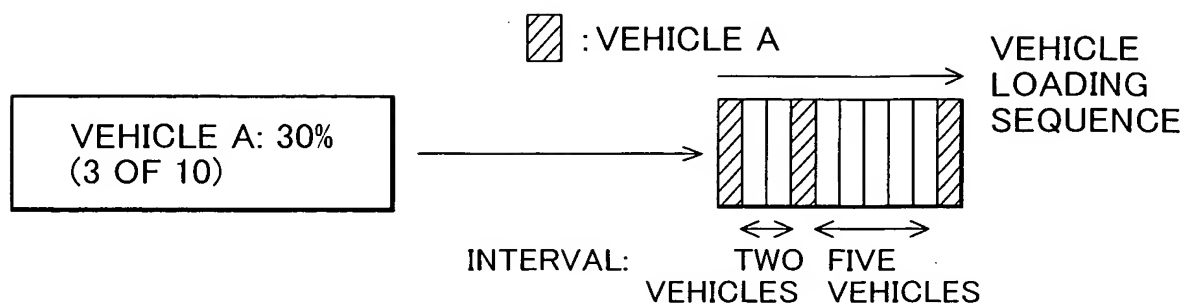
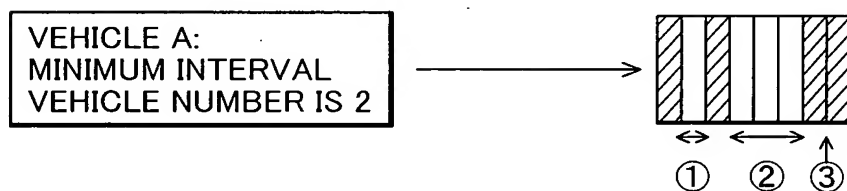
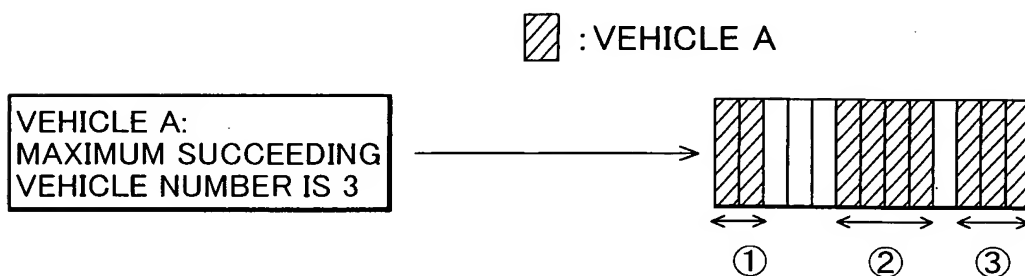
**FIG.7****FIG.8****FIG.9**

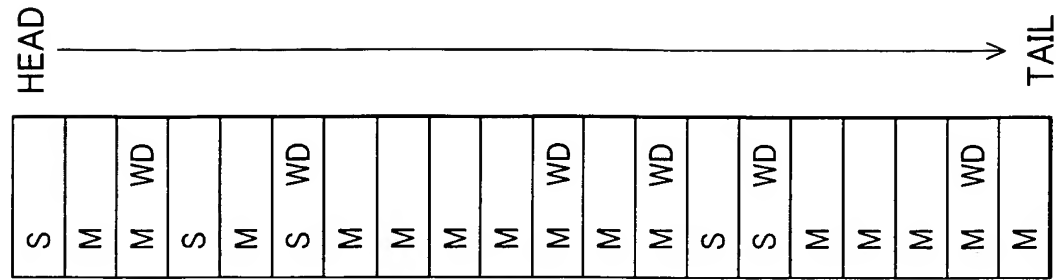
FIG.10A

| MARK  | SPEC           | NUMBER OF VEHICLES |
|-------|----------------|--------------------|
| S     | SEDAN          | 3                  |
| S WD  | SEDAN + 4WD    | 2                  |
| M     | MINI-VAN       | 11                 |
| M WD  | MINI-VAN + 4WD | 4                  |
| TOTAL |                | 20                 |

PREPARE INITIAL  
ARRAY SEQUENCE  
USING RANDOM  
NUMBER



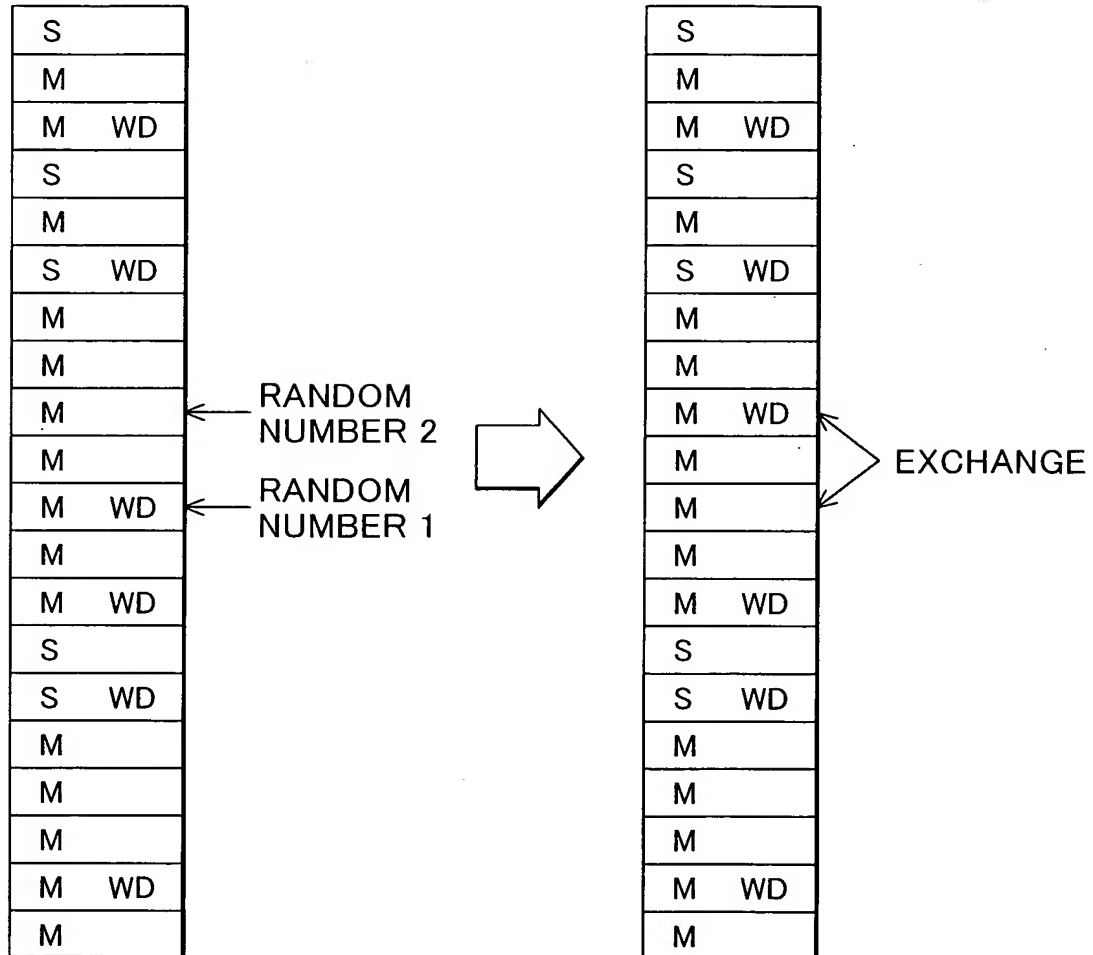
FIG.10B





**FIG. 11B**

## ARRAY SEQUENCE 2



**FIG. 12**

|    |          | WEIGHT | MINIMUM<br>INTERVAL | MAXIMUM<br>SUCCEEDING<br>VEHICLES | AVERAGE<br>INTERVAL |
|----|----------|--------|---------------------|-----------------------------------|---------------------|
| S  | SEDAN    | -5     | 1                   |                                   | 3                   |
| WD | 4WD      | -5     | 2                   |                                   | 2.3                 |
| M  | MINI-VAN | -5     |                     | 3                                 | 0.2                 |

**FIG.13**

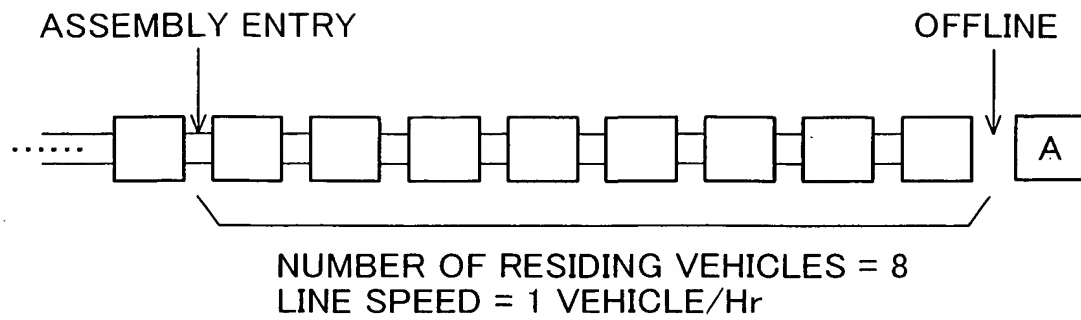
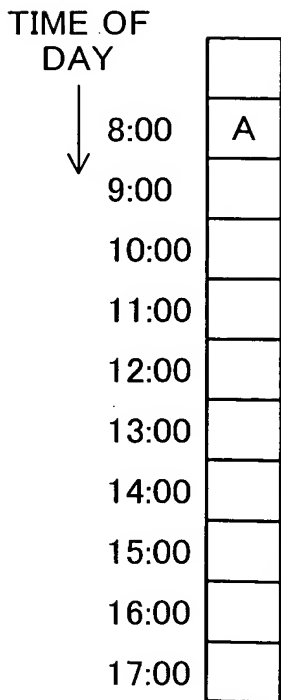
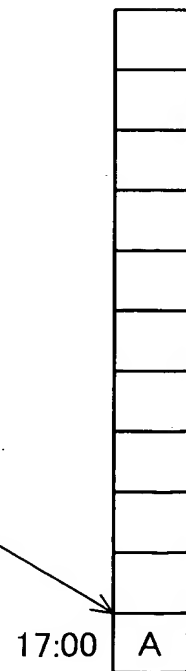
| ARRAY<br>SEQUENCE 1 | ARRAY<br>SEQUENCE | OCCUPANCY RATE |        |              | RESTRICTION CONDITION |            |                 |
|---------------------|-------------------|----------------|--------|--------------|-----------------------|------------|-----------------|
|                     |                   | SEDAN          | 4WD    | MINI-<br>VAN | SEDAN<br>Min          | 4WD<br>Min | MINI-VAN<br>Max |
| S                   | SEDAN             | 0              |        |              |                       |            |                 |
| M                   | MINI-VAN          |                |        | 0            |                       |            |                 |
| M WD                | MINI-VAN+4WD      |                | 0      | -0.2         |                       | 0          | 0               |
| S                   | SEDAN             | -5             |        |              | 0                     |            |                 |
| M                   | MINI-VAN          |                |        | -3.2         |                       |            | 0               |
| S WD                | SEDAN+4WD         | -20            | -0.45  |              | 0                     | 0          |                 |
| M                   | MINI-VAN          |                |        | -3.2         |                       |            |                 |
| M                   | MINI-VAN          |                |        | -0.2         |                       |            |                 |
| M                   | MINI-VAN          |                |        | -0.2         |                       |            |                 |
| M                   | MINI-VAN          |                |        | -0.2         |                       |            |                 |
| M WD                | MINI-VAN+4WD      |                | -14.45 | -0.2         |                       | 0          |                 |
| M                   | MINI-VAN          |                |        | -0.2         |                       |            |                 |
| M WD                | MINI-VAN+4WD      |                | -8.45  | -0.2         |                       | -5         | -80             |
| S                   | SEDAN             | -80            |        |              | 0                     |            |                 |
| S WD                | SEDAN+4WD         | -45            | -8.45  |              | -5                    | -5         |                 |
| M                   | MINI-VAN          |                |        | -9           |                       |            |                 |
| M                   | MINI-VAN          |                |        | -0.2         |                       |            |                 |
| M                   | MINI-VAN          |                |        | -0.2         |                       |            |                 |
| M WD                | MINI-VAN+4WD      |                | -2.45  | -0.2         |                       | 0          |                 |
| M                   | MINI-VAN          |                |        | -0.2         |                       |            | -20             |
|                     | COLUMN TOTAL      | -150           | -34.25 | -17.6        | -5                    | -10        | -100            |
|                     | TOTAL             |                |        |              |                       |            | -316.85         |

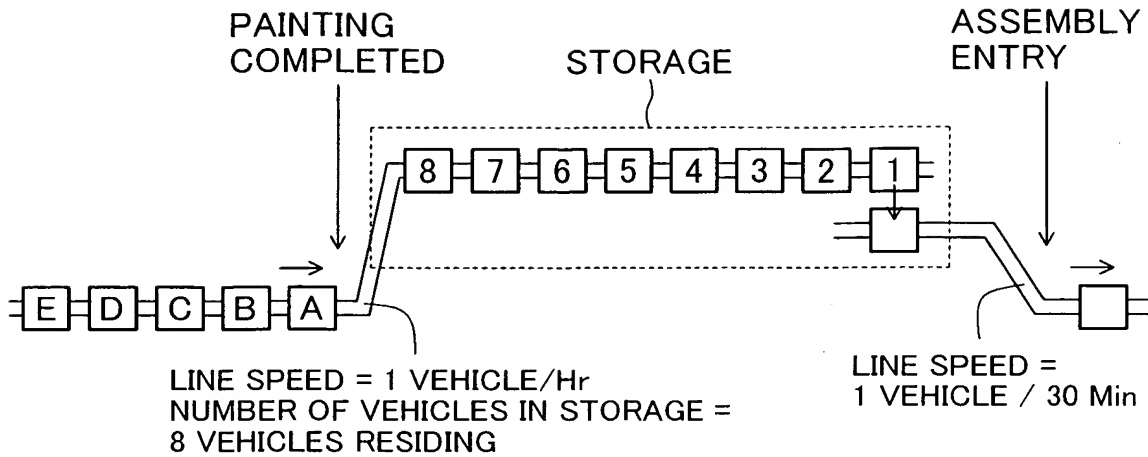
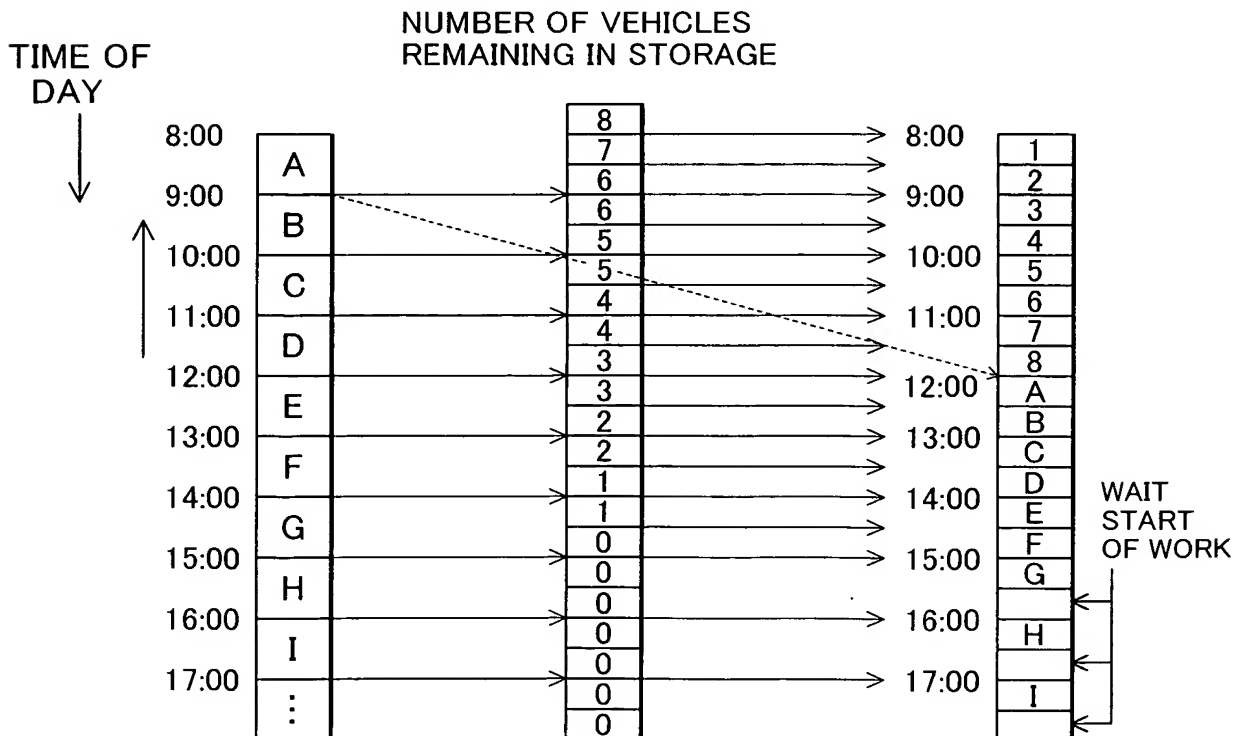
**FIG.14**

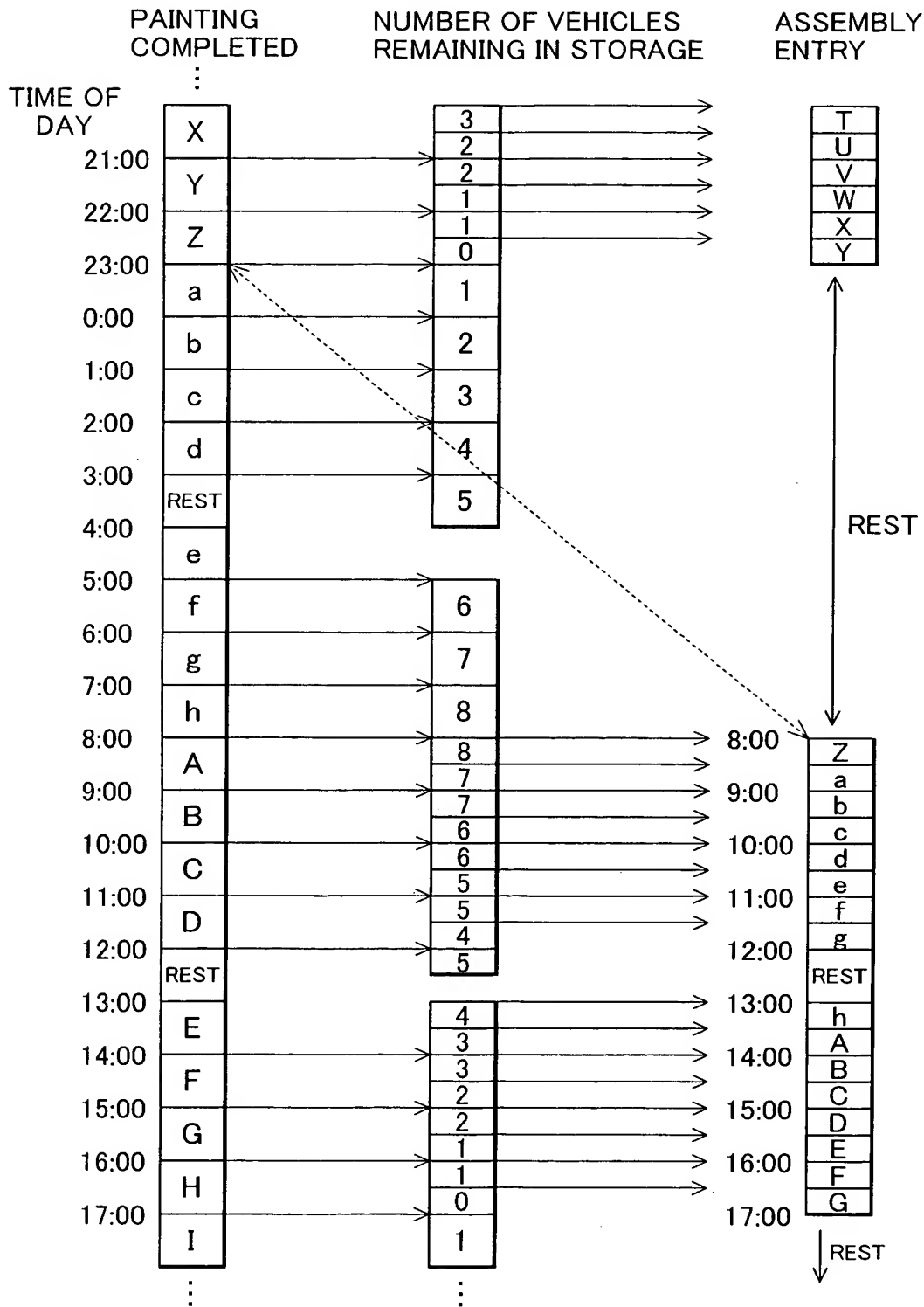
|      |                   | OCCUPANCY RATE |        |              | RESTRICTION CONDITION |            |                 |
|------|-------------------|----------------|--------|--------------|-----------------------|------------|-----------------|
|      | ARRAY<br>SEQUENCE | SEDAN          | 4WD    | MINI<br>-VAN | SEDAN<br>Min          | 4WD<br>Min | MINI-VAN<br>Max |
| S    | SEDAN             | 0              |        |              |                       |            |                 |
| M    | MINI-VAN          |                |        | 0            |                       |            |                 |
| M WD | MINI-VAN+4WD      |                | 0      | -0.2         |                       | 0          | 0               |
| S    | SEDAN             | -5             |        |              | 0                     |            |                 |
| M    | MINI-VAN          |                |        | -3.2         |                       |            | 0               |
| S WD | SEDAN+4WD         | -20            | -0.45  |              | 0                     | 0          |                 |
| M    | MINI-VAN          |                |        | -3.2         |                       |            |                 |
| M    | MINI-VAN          |                |        | -0.2         |                       |            |                 |
| M WD | MINI-VAN+4WD      |                | -0.45  | -0.2         |                       | 0          |                 |
| M    | MINI-VAN          |                |        | -0.2         |                       |            |                 |
| M    | MINI-VAN          |                |        | -0.2         |                       |            |                 |
| M    | MINI-VAN          |                |        | -0.2         |                       |            |                 |
| M WD | MINI-VAN+4WD      |                | -2.45  | -0.2         |                       | 0          | -80             |
| S    | SEDAN             | -80            |        |              | 0                     |            |                 |
| S WD | SEDAN+4WD         | -45            | -8.45  |              | -5                    | -5         |                 |
| M    | MINI-VAN          |                |        | -9           |                       |            |                 |
| M    | MINI-VAN          |                |        | -0.2         |                       |            |                 |
| M    | MINI-VAN          |                |        | -0.2         |                       |            |                 |
| M WD | MINI-VAN+4WD      |                | -2.45  | -0.2         |                       | 0          |                 |
| M    | MINI-VAN          |                |        | -0.2         |                       |            | -20             |
|      | COLUMN TOTAL      | -150           | -14.25 | -17.6        | -5                    | -5         | -100            |
|      | TOTAL             |                |        |              |                       |            | -291.85         |

**FIG.15**

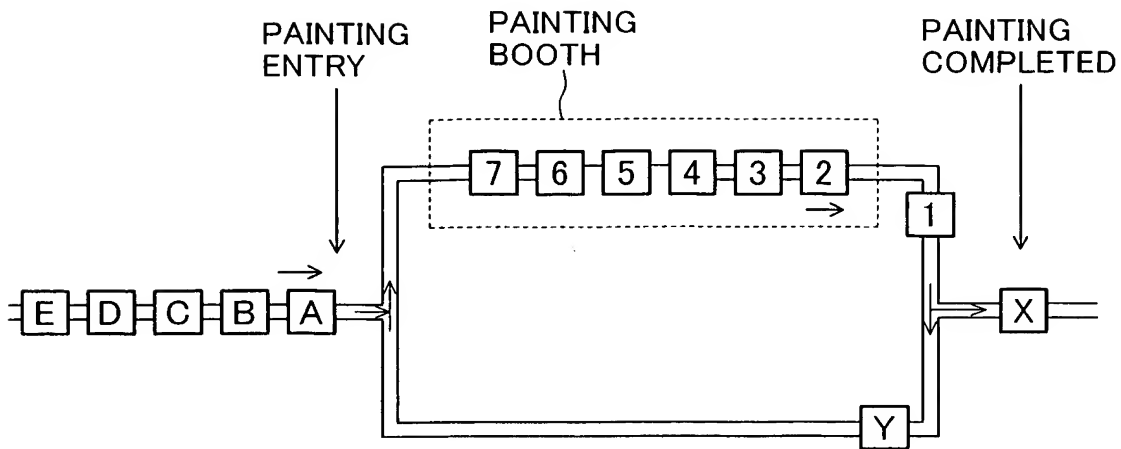
|   |                | OCCUPANCY RATE |     |           | RESTRICTION CONDITION |         |              |       |
|---|----------------|----------------|-----|-----------|-----------------------|---------|--------------|-------|
|   | ARRAY SEQUENCE | SEDAN          | 4WD | MINI -VAN | SEDAN Min             | 4WD Min | MINI-VAN Max |       |
| S | WD             | SEDAN+4WD      | 0   |           |                       | 0       | 0            |       |
| M |                | MINI-VAN       |     |           | 0                     |         |              |       |
| M |                | MINI-VAN       |     |           | -0.2                  |         |              | 0     |
| S | WD             | SEDAN+4WD      | -5  | 0         |                       | 0       | 0            |       |
| M |                | MINI-VAN       |     |           | -3.2                  |         |              |       |
| M |                | MINI-VAN       |     |           | -0.2                  |         |              | 0     |
| S | WD             | SEDAN+4WD      | -5  | -0.45     |                       | 0       | 0            |       |
| M |                | MINI-VAN       |     |           | -3.2                  |         |              |       |
| M |                | MINI-VAN       |     |           | -0.2                  |         |              | 0     |
| S |                | SEDAN          | -5  |           |                       | 0       |              |       |
| M | WD             | MINI-VAN+4WD   |     | -2.45     | -3.2                  |         | 0            |       |
| M |                | MINI-VAN       |     |           | -0.2                  |         |              |       |
| M |                | MINI-VAN       |     |           | -0.2                  |         |              | 0     |
| S |                | SEDAN          | 0   |           |                       | 0       |              |       |
| M | WD             | MINI-VAN+4WD   |     | -2.45     | -3.2                  |         | 0            |       |
| M |                | MINI-VAN       |     |           | -0.2                  |         |              |       |
| M |                | MINI-VAN       |     |           | -0.2                  |         |              | 0     |
| S |                | SEDAN          | 0   |           |                       | 0       |              |       |
| M | WD             | MINI-VAN+4WD   |     | -2.45     | -3.2                  |         | 0            |       |
| M |                | MINI-VAN       |     |           | -0.2                  |         |              |       |
| M |                | MINI-VAN       |     |           | -0.2                  |         |              | 0     |
|   |                | COLUMN TOTAL   | -15 | -7.8      | -17.6                 | 0       | 0            | 0     |
|   |                | TOTAL          |     |           |                       |         |              | -40.4 |

**FIG. 16A****FIG. 16B****FIG. 16C**

**FIG.17A****FIG.17B****FIG.17C****FIG.17D**

**FIG.18A****FIG.18B****FIG.18C**

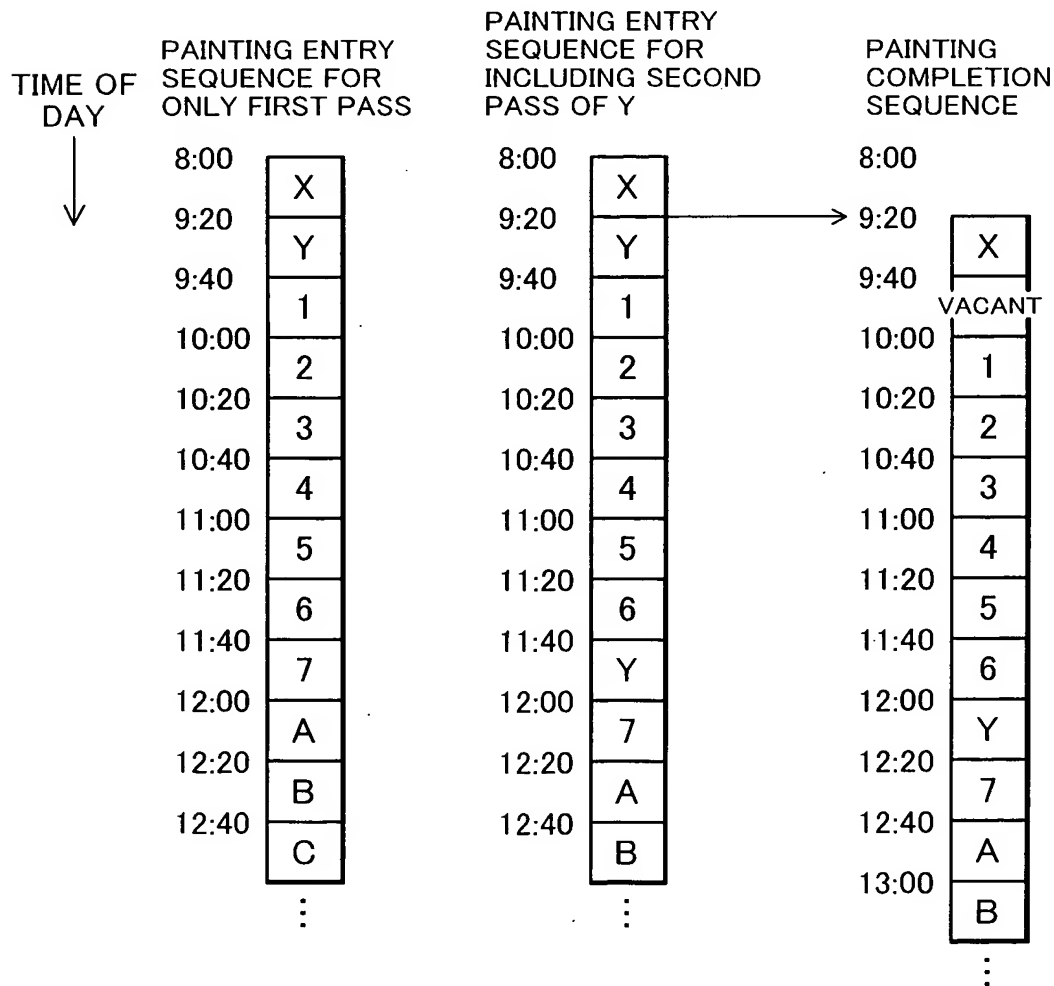
**FIG. 19A**



**FIG. 19B**

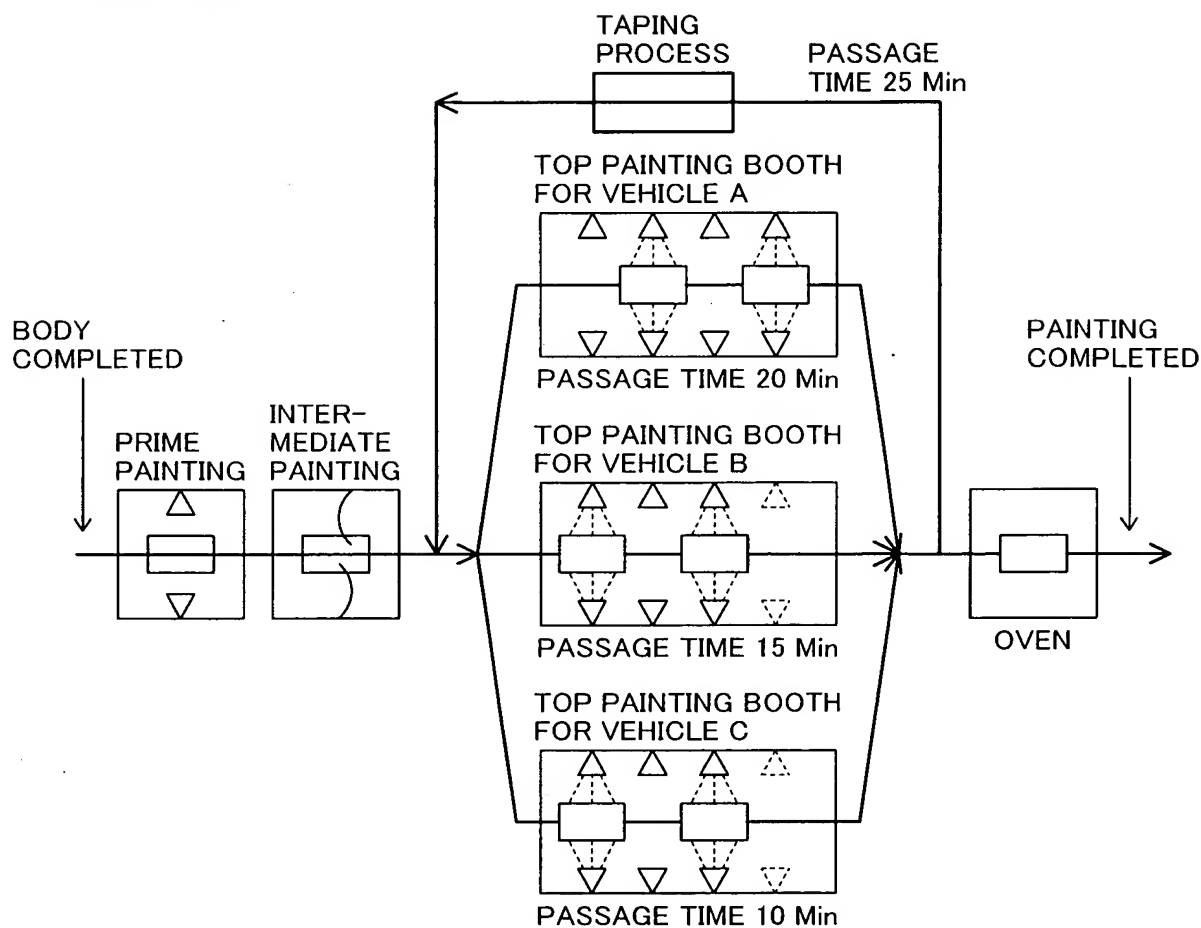
**FIG. 19C**

**FIG. 19D**

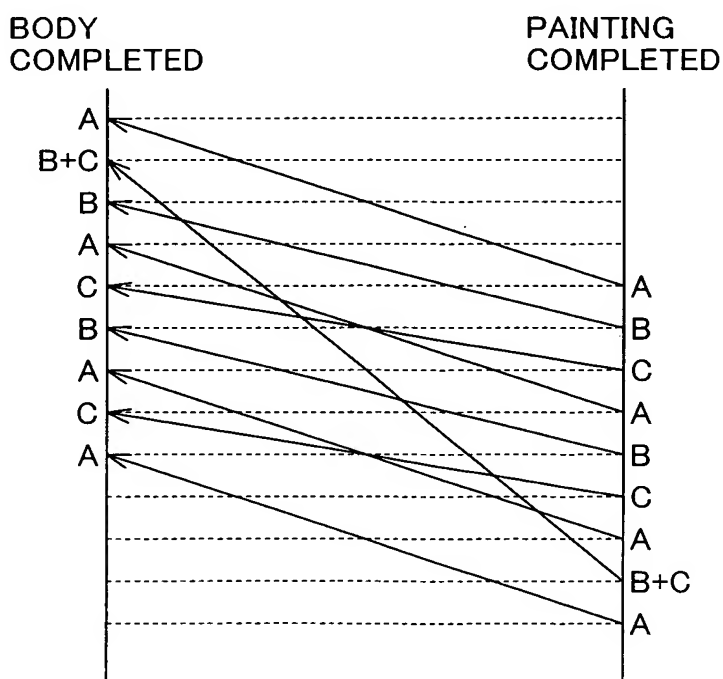




**FIG. 20A**



**FIG. 20B**



**FIG.21**

| No | BASIC VEHICLE<br>SERIES | PAINT COLOR | LINE<br>SECTION | OFFLINE<br>DATE | SPEC1                    | SPEC2 | No. FOR<br>TRACKING |
|----|-------------------------|-------------|-----------------|-----------------|--------------------------|-------|---------------------|
| 1  | S                       | RED         | 111111          | 20010830        | CD                       |       | S1                  |
| 2  | S                       | RED         | 111111          | 20010830        | CD                       |       | S2                  |
| 3  | S                       | WHITE       | 111111          | 20010830        | CD                       |       | S3                  |
| 4  | S                       | BLUE        | 111111          | 20010830        | CD                       |       | S4                  |
| 5  | S                       | RED         | 111111          | 20010830        | CD                       |       | S5                  |
| 6  | S                       | WHITE       | 111111          | 20010830        | CD                       |       | S6                  |
| 7  | S                       | WHITE       | 111111          | 20010830        | CAR NAVI-<br>GATION UNIT |       | S7                  |
| 8  | S                       | YELLOW      | 111111          | 20010830        | CAR NAVI-<br>GATION UNIT |       | S8                  |
| 9  | M                       | BLACK       | 311121          | 20010830        | CD                       |       | M9                  |
| 10 | M                       | RED         | 311121          | 20010830        | CD                       |       | M10                 |
| 11 | M                       | DARK BLUE   | 311121          | 20010830        | CD                       |       | M11                 |
| 12 | M                       | BLUE        | 311121          | 20010830        | CD                       |       | M12                 |
| 13 | M                       | BLACK       | 311121          | 20010830        | 4WD                      |       | M13                 |
| 14 | M                       | DARK BLUE   | 311121          | 20010830        | 4WD                      |       | M14                 |
| 15 | M                       | RED BLACK   | 311121          | 20010830        | 4WD                      | 2TONE | M15                 |
| 16 | M                       | BLUE        | 311121          | 20010830        | 4WD                      |       | M16                 |
| 17 | R                       | RED         | 333333          | 20010830        | CD                       |       | R17                 |
| 18 | R                       | SILVER      | 333333          | 20010830        | CAR NAVI-<br>GATION UNIT |       | R18                 |
| 19 | R                       | RED         | 333333          | 20010830        | CAR NAVI-<br>GATION UNIT |       | R19                 |
| 20 | R                       | RED         | 333333          | 20010830        | CAR NAVI-<br>GATION UNIT |       | R20                 |
| 21 | R                       | RED         | 333333          | 20010830        | CAR NAVI-<br>GATION UNIT |       | R21                 |

10/507520

FIG.22

| LINE<br>SECTION | MONTH | POINT NAME             | 24D | 24N | 25D | 25N | 26D | 26N | 27D | 27N | 28D | 28N | 29D | 29N | 30D | 30N | 31D | 31N |
|-----------------|-------|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 111111          | 08    | SETUP                  | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 311121          | 08    | SETUP                  | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 333333          | 08    | SETUP                  | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 111111          | 08    | BODY<br>COMPLETION     | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 311121          | 08    | BODY<br>COMPLETION     | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 333333          | 08    | BODY<br>COMPLETION     | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 111111          | 08    | PAINTING<br>COMPLETION | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 311121          | 08    | PAINTING<br>COMPLETION | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 333333          | 08    | PAINTING<br>COMPLETION | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 111111          | 08    | ASSEMBLY<br>ENTRY      | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 311121          | 08    | ASSEMBLY<br>ENTRY      | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 333333          | 08    | ASSEMBLY<br>ENTRY      | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 111111          | 08    | OFFLINE                | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 311121          | 08    | OFFLINE                | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 333333          | 08    | OFFLINE                | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 111111          | 08    | FINAL<br>COMPLETION    | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 311121          | 08    | FINAL<br>COMPLETION    | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 333333          | 08    | FINAL<br>COMPLETION    | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |

FIG.23

| LINE<br>SECTION | MONTH | POINT<br>NAME | 24D | 24N | 25D | 25N | 26D | 26N | 27D | 27N | 28D | 28N | 29D | 29N | 30D | 30N | 31D | 31N |
|-----------------|-------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 111111          | 08    | BODY          | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 311121          | 08    | BODY          | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 333333          | 08    | BODY          | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 111111          | 08    | PAINTING      | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 311121          | 08    | PAINTING      | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 333333          | 08    | PAINTING      | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 111111          | 08    | PBS           | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 311121          | 08    | PBS           | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 333333          | 08    | PBS           | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 111111          | 08    | ASSEMBLY      | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 311121          | 08    | ASSEMBLY      | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 333333          | 08    | ASSEMBLY      | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 111111          | 08    | FINAL         | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 311121          | 08    | FINAL         | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |
| 333333          | 08    | FINAL         | 8   | 0   | 8   | 0   | 0   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   | 8   | 0   |

FIG.24

| POINT                     | 1      |     |     | 2      |     |     | 3      |     |     | 4      |     |     | 5      |     |     | 6      |     |     |
|---------------------------|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|
|                           | WEIGHT | Min | Max | WEIGHT | Min | Max | WEIGHT | Min | Max | WEIGHT | Min | Max | WEIGHT | Min | Max | WEIGHT | Min | Max |
| SPEC                      |        |     |     |        |     |     |        |     |     |        |     |     |        |     |     |        |     |     |
| CD                        |        |     |     |        |     |     |        |     |     |        |     |     |        |     |     |        |     |     |
| CAR<br>NAVIGATION<br>UNIT |        |     |     |        |     |     |        |     |     |        |     |     | 5      |     |     | 5      |     |     |

FIG.25

| SPEC  | APPLIED LINE<br>SECTION | MODIFICATION<br>TIME (Min) |
|-------|-------------------------|----------------------------|
| 2TONE | - 11 - - -              | 120                        |

FIG.26

| VEHICLE SERIES | PAINT COLOR | LINE SECTION | SETUP      | BODY COMPLETION | PAINTING COMPLETION | ASSEMBLY ENTRY | OFFLINE    | FINAL COMPLETION | SPEC1                | SPEC2 |
|----------------|-------------|--------------|------------|-----------------|---------------------|----------------|------------|------------------|----------------------|-------|
| S              | RED         | 111111       | 8/24 17:00 | 8/25 16:30      | 8/28 16:30          | 8/29 17:00     | 8/30 17:00 | 8/31 16:30       | CD                   |       |
| S              | RED         | 111111       | 8/24 16:00 | 8/25 15:30      | 8/28 15:30          | 8/29 16:00     | 8/30 16:00 | 8/31 15:30       | CD                   |       |
| S              | WHITE       | 111111       | 8/24 12:00 | 8/25 12:00      | 8/28 11:30          | 8/29 12:00     | 8/30 12:00 | 8/31 11:30       | CD                   |       |
| S              | BLUE        | 111111       | 8/24 10:00 | 8/25 09:30      | 8/28 09:30          | 8/29 10:00     | 8/30 10:00 | 8/31 09:30       | CD                   |       |
| S              | WHITE       | 111111       | 8/24 14:00 | 8/25 13:30      | 8/28 13:30          | 8/29 14:00     | 8/30 14:00 | 8/31 13:30       | CD                   |       |
| S              | WHITE       | 111111       | 8/24 09:00 | 8/25 08:30      | 8/28 08:30          | 8/29 09:00     | 8/30 09:00 | 8/31 08:30       | CD                   |       |
| S              | BLUE        | 111111       | 8/24 15:00 | 8/25 14:30      | 8/28 14:30          | 8/29 15:00     | 8/30 15:00 | 8/31 14:30       | CAR NAVI-GATION UNIT |       |
| S              | YELLOW      | 111111       | 8/24 11:00 | 8/25 11:00      | 8/28 10:30          | 8/29 11:00     | 8/30 11:00 | 8/31 10:30       | CAR NAVI-GATION UNIT |       |
| M              | BLACK       | 311121       | 8/24 15:30 | 8/25 16:00      | 8/28 16:00          | 8/29 16:00     | 8/30 16:00 | 8/31 16:00       | CD                   |       |
| M              | RED         | 311121       | 8/24 13:30 | 8/25 14:00      | 8/28 14:00          | 8/29 14:00     | 8/30 14:00 | 8/31 14:00       | CD                   |       |
| M              | DARK BLUE   | 311121       | 8/24 09:30 | 8/25 10:00      | 8/28 10:00          | 8/29 10:00     | 8/30 10:00 | 8/31 10:00       | CD                   |       |
| M              | BLUE        | 311121       | 8/24 11:00 | 8/25 11:30      | 8/28 11:00          | 8/29 11:00     | 8/30 11:00 | 8/31 11:00       | CD                   |       |
| M              | BLACK       | 311121       | 8/24 16:30 | 8/25 17:00      | 8/28 17:00          | 8/29 17:00     | 8/30 17:00 | 8/31 17:00       | 4WD                  |       |
| M              | DARK BLUE   | 311121       | 8/24 14:30 | 8/25 15:00      | 8/28 15:00          | 8/29 15:00     | 8/30 15:00 | 8/31 15:00       | 4WD                  |       |
| M              | RED BLACK   | 311121       | 8/24 10:30 | 8/25 10:30      | 8/28 12:00          | 8/29 12:00     | 8/30 12:00 | 8/31 12:00       | 4WD                  | 2TONE |
| M              | BLUE        | 311121       | 8/24 08:30 | 8/25 09:00      | 8/28 09:00          | 8/29 09:00     | 8/30 09:00 | 8/31 09:00       | 4WD                  |       |
| R              | RED         | 333333       | 8/24 09:00 | 8/25 09:00      | 8/28 09:00          | 8/29 09:00     | 8/30 09:00 | 8/31 09:00       | CD                   |       |
| R              | SILVER      | 333333       | 8/24 10:00 | 8/25 10:00      | 8/28 10:00          | 8/29 10:00     | 8/30 10:00 | 8/31 10:00       | CAR NAVI-GATION UNIT |       |
| R              | RED         | 333333       | 8/24 12:00 | 8/25 12:00      | 8/28 12:00          | 8/29 12:00     | 8/30 12:00 | 8/31 12:00       | CAR NAVI-GATION UNIT |       |
| R              | RED         | 333333       | 8/24 15:00 | 8/25 15:00      | 8/28 15:00          | 8/29 15:00     | 8/30 15:00 | 8/31 15:00       | CAR NAVI-GATION UNIT |       |
| R              | RED         | 333333       | 8/24 17:00 | 8/25 17:00      | 8/28 17:00          | 8/29 17:00     | 8/30 17:00 | 8/31 17:00       | CAR NAVI-GATION UNIT |       |
| R              | PINK        | 333333       | 8/24 11:30 | 8/25 11:00      | 8/28 11:00          | 8/29 11:00     | 8/30 11:00 | 8/31 11:00       | CD                   |       |
| R              | SILVER      | 333333       | 8/24 16:00 | 8/25 16:00      | 8/28 16:00          | 8/29 16:00     | 8/30 16:00 | 8/31 16:00       | CD                   |       |
| R              | SILVER      | 333333       | 8/24 14:00 | 8/25 14:00      | 8/28 14:00          | 8/29 14:00     | 8/30 14:00 | 8/31 14:00       | CD                   |       |

FIG.27

| VEHICLE SERIES | PAINT COLOR | LINE SECTION | OFFLINE | SPEC1      | SPEC2                |
|----------------|-------------|--------------|---------|------------|----------------------|
| 1              | S           | RED          | 111111  | 8/30 17:00 | CD                   |
| 2              | S           | RED          | 111111  | 8/30 16:00 | CD                   |
| 3              | S           | WHITE        | 111111  | 8/30 12:00 | CD                   |
| 4              | S           | BLUE         | 111111  | 8/30 10:00 | CD                   |
| 5              | S           | WHITE        | 111111  | 8/30 14:00 | CD                   |
| 6              | S           | WHITE        | 111111  | 8/30 09:00 | CD                   |
| 7              | S           | BLUE         | 111111  | 8/30 15:00 | CAR NAVI-GATION UNIT |
| 8              | S           | YELLOW       | 111111  | 8/30 11:00 | CAR NAVI-GATION UNIT |
| 9              | M           | BLACK        | 311121  | 8/30 16:00 | CD                   |
| 10             | M           | RED          | 311121  | 8/30 14:00 | CD                   |
| 11             | M           | DARK BLUE    | 311121  | 8/30 10:00 | CD                   |
| 12             | M           | BLUE         | 311121  | 8/30 11:00 | CD                   |
| 13             | M           | BLACK        | 311121  | 8/30 17:00 | 4WD                  |
| 14             | M           | DARK BLUE    | 311121  | 8/30 15:00 | 4WD                  |
| 15             | M           | RED BLACK    | 311121  | 8/30 12:00 | 4WD                  |
| 16             | M           | BLUE         | 311121  | 8/30 09:00 | 4WD                  |
| 17             | R           | RED          | 333333  | 8/30 09:00 | CD                   |
| 18             | R           | SILVER       | 333333  | 8/30 10:00 | CAR NAVI-GATION UNIT |
| 19             | R           | RED          | 333333  | 8/30 12:00 | CAR NAVI-GATION UNIT |
| 20             | R           | RED          | 333333  | 8/30 15:00 | CAR NAVI-GATION UNIT |
| 21             | R           | RED          | 333333  | 8/30 17:00 | CAR NAVI-GATION UNIT |
| 22             | R           | PINK         | 333333  | 8/30 11:00 | CD                   |
| 23             | R           | SILVER       | 333333  | 8/30 16:00 | CD                   |
| 24             | R           | SILVER       | 333333  | 8/30 14:00 | CD                   |

|   |   |        |        |            |                      |
|---|---|--------|--------|------------|----------------------|
| 6 | S | WHITE  | 111111 | 8/30 09:00 | CD                   |
| 4 | S | BLUE   | 111111 | 8/30 10:00 | CD                   |
| 8 | S | YELLOW | 111111 | 8/30 11:00 | CAR NAVI-GATION UNIT |
| 3 | S | WHITE  | 111111 | 8/30 12:00 | CD                   |
| 5 | S | WHITE  | 111111 | 8/30 14:00 | CD                   |
| 7 | S | BLUE   | 111111 | 8/30 15:00 | CAR NAVI-GATION UNIT |
| 2 | S | RED    | 111111 | 8/30 16:00 | CD                   |
| 1 | S | RED    | 111111 | 8/30 17:00 | CD                   |

|    |   |           |        |            |     |
|----|---|-----------|--------|------------|-----|
| 16 | M | BLUE      | 311121 | 8/30 09:00 | 4WD |
| 11 | M | DARK BLUE | 311121 | 8/30 10:00 | CD  |
| 12 | M | BLUE      | 311121 | 8/30 11:00 | CD  |
| 15 | M | RED BLACK | 311121 | 8/30 12:00 | 4WD |
| 10 | M | RED       | 311121 | 8/30 14:00 | CD  |
| 14 | M | DARK BLUE | 311121 | 8/30 15:00 | 4WD |
| 9  | M | BLACK     | 311121 | 8/30 16:00 | CD  |
| 13 | M | BLACK     | 311121 | 8/30 17:00 | 4WD |

|    |   |        |        |            |                      |
|----|---|--------|--------|------------|----------------------|
| 17 | R | RED    | 333333 | 8/30 09:00 | CD                   |
| 18 | R | SILVER | 333333 | 8/30 10:00 | CAR NAVI-GATION UNIT |
| 22 | R | PINK   | 333333 | 8/30 11:00 | CD                   |
| 19 | R | RED    | 333333 | 8/30 12:00 | CAR NAVI-GATION UNIT |
| 24 | R | SILVER | 333333 | 8/30 14:00 | CD                   |
| 20 | R | RED    | 333333 | 8/30 15:00 | CAR NAVI-GATION UNIT |
| 23 | R | SILVER | 333333 | 8/30 16:00 | CD                   |
| 21 | R | RED    | 333333 | 8/30 17:00 | CAR NAVI-GATION UNIT |

10/507520

**FIG.28**

|            |  | ASSEMBLY<br>ENTRY<br>LINE 1 | ASSEMBLY<br>ENTRY<br>LINE 2 | ASSEMBLY<br>ENTRY<br>LINE 3 | OFF-<br>LINE 1 | OFF-<br>LINE 2 | OFF-<br>LINE 3 |
|------------|--|-----------------------------|-----------------------------|-----------------------------|----------------|----------------|----------------|
| 8/29 9:00  |  | S6                          | M16                         | R17                         |                |                |                |
| 8/29 10:00 |  | S4                          | M11                         | R18                         |                |                |                |
| 8/29 11:00 |  | S8                          | M12                         | R22                         |                |                |                |
| 8/29 12:00 |  | S3                          | M15                         | R19                         |                |                |                |
| 8/29 13:00 |  |                             |                             |                             |                |                |                |
| 8/29 14:00 |  | S5                          | M10                         | R24                         |                |                |                |
| 8/29 15:00 |  | S7                          | M14                         | R20                         |                |                |                |
| 8/29 16:00 |  | S2                          | M9                          | R23                         |                |                |                |
| 8/29 17:00 |  | S1                          | M13                         | R21                         |                |                |                |
| 8/30 9:00  |  |                             |                             |                             |                |                |                |
| 8/30 10:00 |  |                             |                             |                             |                |                |                |
| 8/30 11:00 |  |                             |                             |                             |                |                |                |
| 8/30 12:00 |  |                             |                             |                             |                |                |                |
| 8/30 13:00 |  |                             |                             |                             |                |                |                |
| 8/30 14:00 |  |                             |                             |                             |                |                |                |
| 8/30 15:00 |  |                             |                             |                             |                |                |                |
| 8/30 16:00 |  |                             |                             |                             |                |                |                |
| 8/30 17:00 |  |                             |                             |                             |                |                |                |



**FIG.29**

|            |     | PAINTING<br>COM-<br>PLETION<br>LINE 1 | PAINTING<br>COM-<br>PLETION<br>LINE 2 | ASSEMBLY<br>ENTRY<br>LINE 1 | ASSEMBLY<br>ENTRY<br>LINE 2 | ASSEMBLY<br>ENTRY<br>LINE 3 |
|------------|-----|---------------------------------------|---------------------------------------|-----------------------------|-----------------------------|-----------------------------|
| 8/28 8:30  | S6  |                                       |                                       |                             |                             |                             |
| 8/28 9:00  | M16 |                                       | R17                                   |                             |                             |                             |
| 8/28 9:30  | S4  |                                       |                                       |                             |                             |                             |
| 8/28 10:00 | M11 |                                       | R18                                   |                             |                             |                             |
| 8/28 10:30 | S8  |                                       |                                       |                             |                             |                             |
| 8/28 11:00 | M12 |                                       | R22                                   |                             |                             |                             |
| 8/28 11:30 | S3  |                                       |                                       |                             |                             |                             |
| 8/28 12:00 | M15 |                                       | R19                                   |                             |                             |                             |
| 8/28 12:30 |     |                                       |                                       |                             |                             |                             |
| 8/28 13:00 |     |                                       |                                       |                             |                             |                             |
| 8/28 13:30 | S5  |                                       |                                       |                             |                             |                             |
| 8/28 14:00 | M10 |                                       | R24                                   |                             |                             |                             |
| 8/28 14:30 | S7  |                                       |                                       |                             |                             |                             |
| 8/28 15:00 | M14 |                                       | R20                                   |                             |                             |                             |
| 8/28 15:30 | S2  |                                       |                                       |                             |                             |                             |
| 8/28 16:00 | M9  |                                       | R23                                   |                             |                             |                             |
| 8/28 16:30 | S1  |                                       |                                       |                             |                             |                             |
| 8/28 17:00 | M13 |                                       | R21                                   |                             |                             |                             |
| 8/28 17:30 |     |                                       |                                       |                             |                             |                             |
| 8/29 9:00  | S6  |                                       |                                       |                             |                             |                             |
| 8/29 10:00 | S4  |                                       |                                       |                             |                             |                             |
| 8/29 11:00 | S8  |                                       |                                       |                             |                             |                             |
| 8/29 12:00 | S3  |                                       |                                       |                             |                             |                             |
| 8/29 13:00 |     |                                       |                                       |                             |                             |                             |
| 8/29 14:00 | S5  |                                       |                                       |                             |                             |                             |
| 8/29 15:00 | S7  |                                       |                                       |                             |                             |                             |
| 8/29 16:00 | S2  |                                       |                                       |                             |                             |                             |
| 8/29 17:00 | S1  |                                       |                                       |                             |                             |                             |

**FIG.30**

|            |  | BODY<br>COM-<br>PLETION<br>LINE 1 | BODY<br>COM-<br>PLETION<br>LINE 3 | PAINTING<br>COM-<br>PLETION<br>LINE 1 | PAINTING<br>COM-<br>PLETION<br>LINE 3 |
|------------|--|-----------------------------------|-----------------------------------|---------------------------------------|---------------------------------------|
| 8/25 8:30  |  | S6                                |                                   |                                       |                                       |
| 8/25 9:00  |  | M16                               | R17                               |                                       |                                       |
| 8/25 9:30  |  | S4                                |                                   |                                       |                                       |
| 8/25 10:00 |  | M11                               | R18                               |                                       |                                       |
| 8/25 10:30 |  | M15                               |                                   |                                       |                                       |
| 8/25 11:00 |  | S8                                | R22                               |                                       |                                       |
| 8/25 11:30 |  | M12                               |                                   |                                       |                                       |
| 8/25 12:00 |  | S3                                | R19                               |                                       |                                       |
| 8/25 12:30 |  |                                   |                                   |                                       |                                       |
| 8/25 13:00 |  |                                   |                                   |                                       |                                       |
| 8/25 13:30 |  | S5                                |                                   |                                       |                                       |
| 8/25 14:00 |  | M10                               | R24                               |                                       |                                       |
| 8/25 14:30 |  | S7                                |                                   |                                       |                                       |
| 8/25 15:00 |  | M14                               | R20                               |                                       |                                       |
| 8/25 15:30 |  | S2                                |                                   |                                       |                                       |
| 8/25 16:00 |  | M9                                | R23                               |                                       |                                       |
| 8/25 16:30 |  | S1                                |                                   |                                       |                                       |
| 8/25 17:00 |  | M13                               | R21                               |                                       |                                       |

|            |  |     |     |
|------------|--|-----|-----|
| 8/28 8:30  |  | S6  |     |
| 8/28 9:00  |  | M16 | R17 |
| 8/28 9:30  |  | S4  |     |
| 8/28 10:00 |  | M11 | R18 |
| 8/28 10:30 |  | S8  |     |
| 8/28 11:00 |  | M12 | R22 |
| 8/28 11:30 |  | S3  |     |
| 8/28 12:00 |  | M15 | R19 |
| 8/28 12:30 |  |     |     |
| 8/28 13:00 |  |     |     |
| 8/28 13:30 |  | S5  |     |
| 8/28 14:00 |  | M10 | R24 |
| 8/28 14:30 |  | S7  |     |
| 8/28 15:00 |  | M14 | R20 |
| 8/28 15:30 |  | S2  |     |
| 8/28 16:00 |  | M9  | R23 |
| 8/28 16:30 |  | S1  |     |
| 8/28 17:00 |  | M13 | R21 |

**FIG.31**

|      |       | SETUP 1 | SETUP 3 | BODY COM-<br>PLETION<br>LINE 1 | BODY COM-<br>PLETION<br>LINE 3 |
|------|-------|---------|---------|--------------------------------|--------------------------------|
| 8/24 | 8:30  |         | M16     |                                |                                |
| 8/24 | 9:00  | S6      | R17     |                                |                                |
| 8/24 | 9:30  |         | M11     |                                |                                |
| 8/24 | 10:00 | S4      | R18     |                                |                                |
| 8/24 | 10:30 |         | M15     |                                |                                |
| 8/24 | 11:00 | S8      | M12     |                                |                                |
| 8/24 | 11:30 |         | R22     |                                |                                |
| 8/24 | 12:00 | S3      | R19     |                                |                                |
| 8/24 | 12:30 |         |         |                                |                                |
| 8/24 | 13:00 |         |         |                                |                                |
| 8/24 | 13:30 |         | M10     |                                |                                |
| 8/24 | 14:00 | S5      | R24     |                                |                                |
| 8/24 | 14:30 |         | M14     |                                |                                |
| 8/24 | 15:00 | S7      | R20     |                                |                                |
| 8/24 | 15:30 |         | M9      |                                |                                |
| 8/24 | 16:00 | S2      | R23     |                                |                                |
| 8/24 | 16:30 |         | M13     |                                |                                |
| 8/24 | 17:00 | S1      | R21     |                                |                                |
|      |       |         |         |                                |                                |
| 8/25 | 8:30  |         | S6      |                                |                                |
| 8/25 | 9:00  |         | M16     |                                | R17                            |
| 8/25 | 9:30  |         | S4      |                                |                                |
| 8/25 | 10:00 |         | M11     |                                | R18                            |
| 8/25 | 10:30 |         | M15     |                                |                                |
| 8/25 | 11:00 |         | S8      |                                | R22                            |
| 8/25 | 11:30 |         | M12     |                                |                                |
| 8/25 | 12:00 |         | S3      |                                | R19                            |
| 8/25 | 12:30 |         |         |                                |                                |
| 8/25 | 13:00 |         |         |                                |                                |
| 8/25 | 13:30 |         | S5      |                                |                                |
| 8/25 | 14:00 |         | M10     |                                | R24                            |
| 8/25 | 14:30 |         | S7      |                                |                                |
| 8/25 | 15:00 |         | M14     |                                | R20                            |
| 8/25 | 15:30 |         | S2      |                                |                                |
| 8/25 | 16:00 |         | M9      |                                | R23                            |
| 8/25 | 16:30 |         | S1      |                                |                                |
| 8/25 | 17:00 |         | M13     |                                | R21                            |

**FIG.32**

|            | OFF-<br>LINE 1 | OFF-<br>LINE 2 | OFF-<br>LINE 3 | FINAL<br>COM-<br>PLETION 1 | FINAL<br>COM-<br>PLETION 2 |
|------------|----------------|----------------|----------------|----------------------------|----------------------------|
| 8/30 8:30  |                |                |                |                            |                            |
| 8/30 9:00  | S6             | M16            | R17            |                            |                            |
| 8/30 9:30  |                |                |                |                            |                            |
| 8/30 10:00 | S4             | M11            | R18            |                            |                            |
| 8/30 10:30 |                |                |                |                            |                            |
| 8/30 11:00 | S8             | M12            | R22            |                            |                            |
| 8/30 11:30 |                |                |                |                            |                            |
| 8/30 12:00 | S3             | M15            | R19            |                            |                            |
| 8/30 12:30 |                |                |                |                            |                            |
| 8/30 13:00 |                |                |                |                            |                            |
| 8/30 13:30 |                |                |                |                            |                            |
| 8/30 14:00 | S5             | M10            | R24            |                            |                            |
| 8/30 14:30 |                |                |                |                            |                            |
| 8/30 15:00 | S7             | M14            | R20            |                            |                            |
| 8/30 15:30 |                |                |                |                            |                            |
| 8/30 16:00 | S2             | M9             | R23            |                            |                            |
| 8/30 16:30 |                |                |                |                            |                            |
| 8/30 17:00 | S1             | M13            | R21            |                            |                            |

|            |     |     |
|------------|-----|-----|
| 8/31 8:30  | S6  |     |
| 8/31 9:00  | M16 | R17 |
| 8/31 9:30  | S4  |     |
| 8/31 10:00 | M11 | R18 |
| 8/31 10:30 | S8  |     |
| 8/31 11:00 | M12 | R22 |
| 8/31 11:30 | S3  |     |
| 8/31 12:00 | M15 | R19 |
| 8/31 12:30 |     |     |
| 8/31 13:00 |     |     |
| 8/31 13:30 | S5  |     |
| 8/31 14:00 | M10 | R24 |
| 8/31 14:30 | S7  |     |
| 8/31 15:00 | M14 | R20 |
| 8/31 15:30 | S2  |     |
| 8/31 16:00 | M9  | R23 |
| 8/31 16:30 | S1  |     |
| 8/31 17:00 | M13 | R21 |